

# Trails: Natural Surface Design, Constr. & Renov. -- No. 858710

Category  
Agency  
Planning Area  
Relocation Impact

M-NCPPC  
M-NCPPC  
Countywide

Date Last Modified  
Previous PDF Page Number  
Required Adequate Public Facility

May 18, 2004  
21-62 (03 App)  
NO

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land											
Site Improvements and Utilities	1,635	0	448	1,187	159	224	223	181	200	200	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other											
Total	1,635	0	448	1,187	159	224	223	181	200	200	0

## FUNDING SCHEDULE (\$000)

G.O. Bonds	553	0	100	453	98	89	89	77	50	50	0
Current Revenue:											
General	1,082	0	348	734	61	135	134	104	150	150	0
Federal Aid	0	0	0	0	0	0	0	0	0	0	0

## ANNUAL OPERATING BUDGET IMPACT (\$000)

Maintenance				1	0	0	1	0	0	0	0
Program-Staff				258	29	35	43	47	52	52	0
Program-Other				69	9	10	12	12	13	13	0
Net Impact				328	38	45	56	59	65	65	0
Workyears				6.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0

## DESCRIPTION

Natural surface trails are usually located in stream valley parks. Surfaces include dirt, wood chip, soil mixtures, and sometimes gravel or stone, supplemented by boardwalk or other elevated surfaces when needed; they are generally narrower than hard surface trails. Natural surface trails accommodate pedestrians, equestrians and/or off-road (mountain) bicyclists, and generally do not meet ADA requirements.

This PDF includes planning, design, and construction and reconstruction of natural surface trails. (The Operating Budget funds maintenance of natural surface trails.) To "convert an informal trail system to a designated system," means that a trail or system of trails exists, but was never planned, is not maintained and is not officially part of the Parks trail system, even though it is on Park property. This project may relocate, reconstruct, renovate, realign, or even close some of these trails. An informal undesignated trail which is officially brought into the Park system is considered a "new" trail.

The expenditure schedule does not include the value of work done by volunteers to assist with the construction of natural surface trails. M-NCPPC will begin tracking the value of work done by volunteers to construct and/or renovate natural surface trails in the parks system.

## JUSTIFICATION

Informal trails at Rachel Carson need realignment and drainage improvements in order to protect natural resources at the conservation park while allowing some trail use. Improvements address only the highest priority needs for each trail and presume some volunteer assistance for hand labor. Projects in Rock Creek, Rachel Carson, Little Bennett, and Black Hill implement park master plans. This CIP Project implements the natural surface recreational trail component of the Countywide Park Trails Plan and trail recommendations in area master plans.

## Plans and Studies

Countywide Park Trails Plan approved by the Planning Board in July 1998. The Potomac Sub-region Master Plan was approved by the Planning Board in 2002.

According to the 1997 PROS survey, the most frequent recreation activity in the County is biking/walking and the greatest perceived facility shortages were for biking and walking paths. An almost even number of respondents used unpaved, natural surface trails as used paved trails.

A review of impacts to pedestrians, bicycles and ADA (Americans with Disabilities Act 1991) will be performed and addressed by this project. Traffic signals, streetlights, crosswalks, bus stops, ADA ramps, bikeways, and other pertinent issues will be considered in the design of the project to ensure pedestrian safety.

## Cost Change

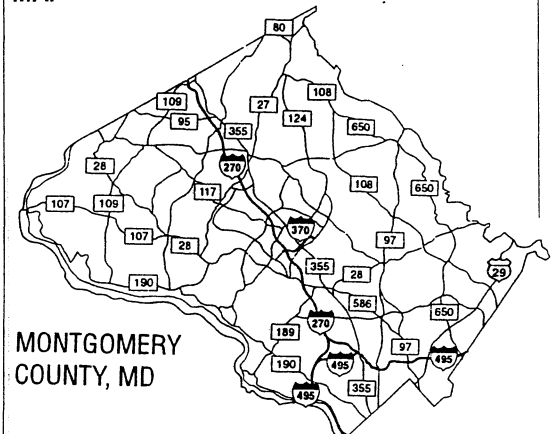
### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY85	(\$000)
Initial Cost Estimate		180
First Cost Estimate		
Current Scope	FY02	1,757
Last FY's Cost Estimate		1,381
Present Cost Estimate		1,635
Appropriation Request	FY05	159
Appropriation Req. Est.	FY06	224
Supplemental		
Appropriation Request	FY04	0
Transfer		0
Cumulative Appropriation		448
Expenditures/		
Encumbrances		123
Unencumbered Balance		325
Partial Closeout Thru	FY02	592
New Partial Closeout	FY03	103
Total Partial Closeout		695

### COORDINATION

Maryland State Parks; Maryland Department of Natural Resources; volunteer groups

### MAP



Increase due to the addition of FY09 and FY10 to this ongoing project.

**STATUS**

Ongoing.

**OTHER**

Candidate projects include, but are not limited to, Muddy Branch trail, Rachel Carson trail renovation and parking, Lake Needwood to Agricultural History Farm Park trail, Hoyles Mill Conservation Park trails, Northwest Branch trail renovation, and trail signage.

\* Expenditures will continue indefinitely.

**FISCAL NOTE**

In FY03 transferred in \$42,000 Current Revenue General from Agricultural History Farm Park PDF668556.